FORM PTO-1 (REV 11-98)	390 U.S. DEPA	RTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER		
TRANSMITTAL LETTER TO THE UNITED STATES			6224		
DESIGNATED/ELECTED OFFICE (DO/EO/US)			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		
	CONCERNING A FILI	NG UNDER 35 U.S.C. 371	09/355,987		
	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED		
	lu98/00115	Feb. 24, 1998	February 24, 1997		
TITLE C	OF INVENTION Foundry Alloy				
	ANT(S) FOR DO/EO/US	alcolm James COUPER; David Her	ory ST. JOHN: Geoffrey Alan		
_		tes Designated/Elected Office (DO/EO/US) the following	EDIADO		
1.		ms concerning a filing under 35 U.S.C. 371.	Hao WAN		
2. X		ENT submission of items concerning a filing under	r 35 U.S.C. 371.		
· 3.		onal examination procedures (35 U.S.C. 371(f) at a			
4 🗖		the applicable time limit set in 35 U.S.C. 371(b) a Preliminary Examination was made by the 19th m			
5.	• •	plication as filed (35 U.S.C. 371(c)(2))	o no une camen camena priority and.		
. —		(required only if not transmitted by the Inter	national Bureau).		
	b. has been transmitted b	y the International Bureau.			
_	c. is not required, as the	application was filed in the United States Rece	eiving Office (RO/US).		
6.	A translation of the Internation	al Application into English (35 U.S.C. 371(c)((2)).		
7.	Amendments to the claims of the	ne International Application under PCT Article	e 19 (35 U.S.C. 371(c)(3))		
		h (required only if not transmitted by the Inte	mational Bureau).		
		by the International Bureau.			
		owever, the time limit for making such amend	ments has NOT expired.		
	d. have not been made ar				
8. 📙		ts to the claims under PCT Article 19 (35 U.S.	C. 371(c)(3)).		
9. X	An oath or declaration of the in	ventor(s) (35 U.S.C. 371(c)(4)).			
10.	A translation of the annexes to (35 U.S.C. 371(c)(5)).	the International Preliminary Examination Re	port under PCT Article 36		
Items	11. to 16. below concern docume	ent(s) or information included:			
11.	An Information Disclosure Stat	ement under 37 CFR 1.97 and 1.98.			
12.	An assignment document for re	cording. A separate cover sheet in compliance	e with 37 CFR 3.28 and 3.31 is included.		
13.	A FIRST preliminary amendme	nt.			
	A SECOND or SUBSEQUENT	preliminary amendment.			
14.	A substitute specification.				
15.	A substitute specification. A change of power of attorney and/or address letter.				
	A change of power of allomey	and/or address letter.			
16. X		Otification of Missing Requir Designated/Elected Office (DO er 1997).			
ī					

U.S. APPLICATION NO. (if		LINTERNATIONAL APPLICATION NO.		·	ATTORNEY'S DOC	KET NUMBER
09/355.987		PCT/AU98/00115	1		6224	A DESCRIPTION OF THE
17. The following fees are submitted:					ALCULATIONS	PTO USE ONLY
	NAL FEE (37 CFR 1.4					
		mination fee (37 CFR 1.482)				
	onal search fee (37 CFR onal Search Report not pr					
International USPTO but It	preliminary examination nternational Search Reno	fee (37 CFR 1.482) not paid to rt prenared by the EPO or JPO.	\$840.00			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$670.00						•
International	preliminary examinations satisfied provisions of					
	<u>-</u>	OPRIATE BASIC FEE A	•	\$	Fees were	previously
Surcharge of \$13	0.00 for furnishing the c	ath or declaration later than	20 30	•	of the ap	
months from the	e earliest claimed priority	date (37 CFR 1.492(e)).		\$	Aug 24. 19	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		AUE Z4. I	1 3 3
Total claims	- 20		X \$18.00	\$		
Independent claims	- 3		X \$78.00	\$		
	PENDENT CLAIM(S) (if a		+ \$260.00	\$		
MOLTIPLE DEP						
		L OF ABOVE CALCULA		\$		
	2 for filing by small entity of (Note 37 CFR 1.9, 1.2)	y, if applicable. A Small Entity St 7, 1.28).	atement	\$		
		SUB	TOTAL =	\$		
	f \$130.00 for furnishing e earliest claimed priority	the English translation later than	20 30	\$		
months from the	earnest claimed phorny	TOTAL NATIO	VAL FEE =	\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						
		TOTAL FEES EN	CLOSED =	\$		1
				Aı	mount to be: refunded	\$
					charged	\$
	ck in the amount of	to cover the abo				
A dupl	charge my Deposit Acco	unt No in the senclosed.	e amount of \$		to co	ver the above fees
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0610. A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SENDALL CORRESPONDENCE TO:						
SEND ALL CORRESPONDENCE TO:						\sim
John C. Kerins, Esq. Kerkam, Stowell, Kondracki & Clarke, P.C.						
Serkam, Stowell, Kondracki & Clarke, P.C. 5203 Leesburg Pike Joh					. Kerins	
Two Skyline Place, Suite 600						
	rch, VA 22041			,421	1	
Telephone: (703) 998-3302						
REGISTRATION NUMBER						
			Dated	• 1	November 15	2 1000

UNITED STATES DEI

LNT OF COMMERCE Patent and Trademark Otnice

Address: ASSISTANT COMMISSIONER FOR PATENTS

Box PCT

Washington, D.C. 20231 FIRST NAMED APPLICANT

09/355,987 U.S. APPLICATION NO.

> 5611 JOHN C KERINS KERKAM STOWELL KONDRACKI & CLARKE 5203 LEESBURG PIKE TWO SKYLINE PLACE SUITE 600 FALLS CHURCH VA 22041

INTERNATIONAL APPLIANTION DO 111115 I.A. FILING DATE 09/21/99

ATTY. DOCKET-NO.47 JUNE

DATE MAILED:

NOTIFICATION OF MISSING REQUIREMEN			IE UNITE	ED
STATES DESIGNATED/ELEC				
 The following items have been submitted by the applicant or Office as Designated Office (37 CFR 1.494). 	the IB to the United :	States Patent and Tr	ademark	
		f -		
☑ an Elected Office (37 CFR 1.495); ☑ U.S. Basic National Fee.				
		;-		1.1
Copy of the international application in:				
a non-English language.		51	P 24 :	-)
English.		,		· :
Translation of the international application into English.		; i		
Oath or Declaration of inventors(s) for DO/EO/US.		•		
Copy of Article 19 amendments.		'		
Translation of Article 19 amendments into English.				
The International Preliminary Examination Report in En	glish and its Annexes,	if any.		
Translation of Annexes to the International Preliminary				
Preliminary amendment(s) filed		——n o c	KETE	E/D/
Information Disclosure Statement(s) filed	and	-22	$-$ on $\frac{9}{4}$	12X16
Assignment document.		BY		2 1 64
Power of Attorney and/or Change of Address.		BY LIFC	_ ON 4	PA LIL
Substitute specification filed	∹	DUE DATE	r+.21.	199
Statement Claiming Small Entity Status.		-		
Priority Document.		CALL UP		
	of the references cited	therein.		
Other:			_	
2. The following items MUST be furnished within the period s	et forth below in order	to complete the red	quirements fo	or
acceptance under 35 U.S.C. 371:				
a. Translation of the application into English. Note a pr	ocessing fee will be re	quired if submitted		
later than the appropriate 20 or 30 months from the p	riority date.		_	
The current translation is defective for the reason	ons indicated on the at	lached Notice of De	fective	
Translation.				
b. Processing fee for providing the translation of the app	lication and/or the Am	nexes later that the		
appropriate 20 or 30 months from the priority date (3				
C. Oath or declaration of the inventors, in compliance w		nd (b), identifying th	ne application	0
by the International application number and internation	nal filing date.			
The current oath or declaration does not comply on the attached PCT/DO/EO/917.				ed
d. Surcharge for providing the oath or declaration later t	hat the appropriate 20	or 30 months from	the	
priority date (37 CFR 1.492(e)).				
. Additional claim fees of \$ as a large entity	small entity, inclu	ding any required n	aultiple	
ependent claim fee, are required. Applicant must submit the ac	iditional claim fees or	cancel the additiona	d claims for	
which fees are due (37 CFR 1.492(g)). See attached PTO-875.				
•				
LLL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABO	OVE MUST/BE SUBI	MITTED WITHIN	ONE	
NONTH FROM THE DATE OF THIS NOTICE OR BY \Box	21 OR 🗹 31 MONTH	IS FROM THE PR	LORITY	
PATE FOR THE APPLICATION, WHICHEVER IS LATER	R. FAILURE TO PR	OPERLY RESPO	ND WILL	
RESULT IN ABANDONMENT.				
he time period set above may be extended by filing a petition a	nd fee for extension of	time under the pro	visions of 37	'
CFR 1.136(a).				
. Translation of the Annexes MUST be submitted no later that	the time period set abo	ove or the annexes v	will be	
ancelled. Note processing fee will be required if submitted late	r than 30 months from	the priority date.		
. The Article 19 amendments are cancelled since a translatio	n was not provided by	the appropriate 20	(37 CFR	
.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date		•		
•				
pplicant is reminded that any communication to the United State	es Patent and Tradema	rk Office must be n	nailed to the	
ddress given in the heading and include the U.S. application no.	shown above. (37 CF	R 1.5)		
		•		. ^

A copy of this notice MUST be returned with this response, of Defective Translation

Enclosed:	PCT/DO/EO/917	☐ Notice o
	□ PTO-875	
FORM PC	T/DO/EO/905 (December	1997)

Telephone: (703)

Perictio Kidwell & Kuduwell
Marional Stago Processing
Parelegal Specialism (703) 305-3558